*Scientometrics, Vol. 28, No. 3 (1993) 407-409*

# Index to Volume 28

**No. 1**

*R. Rousseau* (Oostende, Belgium)
Measuring Concentration: Sampling Design Issues, as Illustrated by the Case of Perfectly Stratified Samples 3

*Terttu Luukkonen, R. J. W. Tijssen, O. Persson, G. Sivertsen* (Helsinki, Finland, Leiden, The Netherlands, Umed, Sweden, Oslo, Norway)
The Measurement of International Scientific Collaboration 15

*Y. Okubo* (Paris, France)
Comments on Some of the Statements in the Article: The Measurement of International Scientific Collaboration by T. Luukkonen, R.J.W. Tijssen, O. Persson, G. Sivertsen, Scientometrics, 28 (1993) 15 37

*Y. Yuthavong, K. Phornsadja, A. Chungcharoen* (Bangkok, Thailand), *T. O. Eisemon, C. H. Davis* (Montreal and Ottawa, Canada)
Communication Strategies in Tissue Culture and Seed Research in Thailand 41

*L. A. Rogers, J. Anderson* (London, England)
A New Approach to Defining a Multidisciplinary Field of Science: The Case of Cardiovascular Biology 61

*A. Uzun, A. Menard, M. E. Özel* (Ankara, Adana and Gebze, Turkey)
Citation Status of Turkish Physics Publications in Foreign Journals: A Global Analysis 79

*E. J. Rinia, C. de Lange* (Utrecht, The Netherlands), *H. F. Moed* (Leiden, The Netherlands)
Measuring National Output in Physics: Delimitation Problems 89

*R. J. W. Tijssen* (Leiden, The Netherlands)
A Scientometric Cognitive Study of Neural Network Research: Expert Mental Maps Versus Bibliometric Maps 111



*Elsevier, Amsterdam – Oxford – New York – Tokyo*
*Akadémiai Kiadó*

INDEX TO VOLUME 28

No. 2

*T. Braun, W. Glänzel, A. Schubert* (Budapest, Hungary)
Scientometric Indicators Datafiles 137

*R. P. Norris* (Toronto, Ontario, Canada)
Authorship Patterns in CJNR: 1970–1991 151

*G. S. Souza, E. R. Cruz, T. R. Quirino* (Brasília, Brasil)
The Measurement and Assessment of Quality in Agricultural Research Institutions 159

*Ye-Sho Chen, P. Pete Chong, Yueguo Tong* (Baton Rouge, LA and Spokane, WA, USA)
Theoretical Foundation of the 80/20 Rule 183

*J. Willems, E. Woudstra* (Nijmegen and Twente, The Netherlands)
The Use by Biologists and Engineers of Non-Specialist Information Sources and its Relation to their Social Involvement 205

*G. Lewison* (Uxbridge, England)
The Contribution of European Community Less Favoured Region Research Outputs to Economic and Social Cohesion 217

No. 3

*M. Bonitz* (Dresden, Germany)
Comments on András Schubert Recipient of the 1993 Derek De Solla Price Award 233

*D. H. Hall* (Winnipeg, Manitoba, Canada)
The Science-Industry Interface in the Petroleum Industry: Correlation of Time Series of Indicators and Their Spectra, and Growth Modelling 237

*D. K. Gupta* (Addis Ababa, Ethiopia)
Collaborative Research Trend in Exploration Geophysics 287

*Rosa Sancho* (Madrid, Spain), *G. Bernal, L. Gálvez* (La Havana, Cuba)
Approach to the Cuban Scientific Activity by Using Publication Based Quantitative Indicators (1985–1989) 297

*R. Senter, Jr.* (Pleasant, Michigan, USA)
Factors in American State Government Spending on Research and Development 313

*J. Maclean, Carmela Janagap* (Metro Manila, Philippines)
The Publication Productivity of International Agricultural Research Centers 329

*F. H. Herbstein* (Haifa, Israel)
Measuring "Publications Output" and "Publications Impact" of Faculty Members of a University Chemistry Department 349

*Eleonora P. Giorgi* (London, U. K.)
Long Term Analysis of Citation Counts at the Micro-Level 375

*Paula E. Stephan, Sharon G. Levin* (Atlanta, Georgia, USA)
Age and the Nobel Prize Revisited 387

Short Communication

*A. Pouris* (Pretoria, South Africa)
Economies of Scale in Science & Technology Agencies 401

Index to Volume 28 407

*Scientometrics, Vol. 28. No. 3 (1993) 411-412*

# Author Index


ANDERSON, J., *see* ROGERS, L.A., 61

BERNAL, G., *see* SANCHO, ROSA, 297

BONITZ, M.: Comments on András Schubert Recipient of the 1993 Derek De Solla Price Award, 233

BRAUN, T., GLÄNZEL, W., SCHUBERT, A.: Scientometric Indicators Datafiles, 137

CHEN, YE-SHO; CHONG, P. PETE; TONG, YUEGUO: Theoretical Foundation of the 80/20 Rule, 183

CHONG, P. PETE, *see* CHEN, YE-SHO, 183

CHUNGCHAROEN, A., *see* YUTHAVONG, Y., 41

CRUZ, E.R., *see* SOUZA, G.S., 159

DAVIS, C.H., *see* YUTHAVONG, Y., 41

DE LANGE, C., LANGE, DE, C., 89

EISEMON, T.O., *see* YUTHAVONG, Y., 41

GÁLVEZ, L., *see* SANCHO, ROSA, 287

GIORGI, ELEONORA, P.: Long Term Analysis of Citation Counts at the Micro--Level, 375

GLÄNZEL, W., *see* BRAUN, T., 137

GUPTA, D.K.: Collaborative Research Trend in Exploration Geophysics, 287

HALL, D.H.: The Science-Industry Interface in the Petroleum Industry: Correlation of Time Series of Indicators and Their Spectra, and Growth Modelling, 237

HERBSTEIN, F.H.: Measuring "Publications Output" and "Publications Impact" of Faculty Members of a University Chemistry Department, 349

JANAGAP, CARMELA, *see* MACLEAN, J., 329

LANGE, DE, C., *see* RINIA, E.J., 89

LEVIN, SHARON, G., *see* STEPHAN, PAULA, E., 387

LEWISON, G.: The Contribution of European Community Less Favoured Region Research Outputs to Economic and Social Cohesion, 217

LUUKKONEN, TERTTU; TIJSSEN, R.J.W., PERSSON, O., SIVERTSEN, G.: The Measurement of International Scientific Collaboration, 15

MACLEAN, J.; JANAGAP, CARMELA: The Publication Productivity of International Agricultural Research Centers, 329

MENARD, A., *see* UZUN, A., 79

MOED, H.F., *see* RINIA, E.J., 89

NORRIS, R.P.: Authorship Patterns in CJRN: 1970-1991, 151

OKUBO, Y.: Comments on Some of the Statements in the Article: The Measurement of International Scientific Collaboration by T. Luukkonen, R.J.W. Tijssen, O. Persson, G. Sivertsen, Scientometrics 28 (1993) 15, 37

ÖZEL, M.E., *see* UZUN, A., 79

PERSSON, O., *see* LUUKKONEN, TERTTU, 15

PHORNSADJA, K., *see* YUTHAVONG, Y., 41

POURIS, A.: Economies of Scale in Science & Technology Agencies, 401

QUIRINO, T.R., *see* SOUZA, G.S., 159

RINIA, E.J., DE LANGE, C., MOED, H.F.: Measuring National Output in Physics: Delimitation Problems, 89




*Elsevier, Amsterdam – Oxford – New York – Tokyo*
*Akadémiai Kiadó*

ROGERS, L.A., ANDERSON, J.: A New Approach to Defining a Multidisciplinary Field of Science: The Case of Cardiovascular Biology, 61

ROUSSEAU, R.: Measuring Concentration: Sampling Design Issues, as Illustrated by the Case of Perfectly Stratified Samples, 3

SANCHO, ROSA; BERNAL, G., GÁLVEZ, L.: Approach to the Cuban Scientific Activity by Using Publication Based Quantitative Indicators (1985–1989), 297

SCHUBERT, A., *see* BRAUN, T., 137

SENTER, R., JR.: Factors in American State Government Spending on Research and Development, 313

SIVERTSEN, G., *see* LUUKKONEN, TERTTU, 15

SOUZA, G.S., CRUZ, E.R., QUIRINO, T.R.: The Measurement and Assessment of Quality in Agricultural Research Institutions, 159

STEPHAN, PAULA, E., LEVIN, SHARON, G.: Age and the Nobel Prize Revisited, 387

TUSSEN, R.J.W.: A Scientometric Cognitive Study of Neutral Network Research: Expert Mental Maps Versus Bibliometric Maps, 111

TUSSEN, R.J.W., *see* LUUKKONEN, TERTTU, 15

TONG, YUEGUO, *see* CHEN, YE-SHO, 183

UZUN, A., MENARD, A., ÖZEL, M.E.: Citation Status of Turkish Physics Publications in Foreign Journals: A Global Analysis, 79

WILLEMS, J., WOUDSTRA, E.: The Use by Biologists and Engineers of Non-Specialist Information Sources and its Relation to their Social Involvement, 205

WOUDSTRA, E., *see* WILLEMS, J., 205

YUTHAVONG, Y., PHORNSADJA, K., CHUNGCHAROEN, A., EISEMON, T.O., DAVIS, C.H.: Communication Strategies in Tissue Culture and Seed Research in Thailand, 41